

In the Claims:

Claims 1-28 were previously pending.

Claims 23, 26 and 27 are amended.

Claims 29-44 are added.

5 Claims 1-44 are pending.

1. (Previously presented) A method of removing roll-set curl in a print medium rolled on a core utilizing a large format printer equipped with a take up reel ("TUR"), said method comprising the steps of:

10 activating a TUR having a core;

loading said rolled print medium into said large format printer;

advancing said rolled print medium through said large format printer until a front edge of said rolled print medium is adjacent to said TUR;

15 attaching said front edge of said rolled print medium to said core of said TUR, such that a surface to be printed upon of said rolled print medium faces said core of said TUR; and

rotating said core of said TUR in a direction substantially opposite a direction of said rolled print medium on said core to substantially wind said rolled print medium on to said core of said TUR.

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2. (Original) The method according to claim 1, further comprising the step of:

cutting said filled print medium in response to a predetermined length of said rolled print medium being wound onto said core of said TUR.

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3. (Original) The method according to claim 1, wherein said step of activating said TUR comprises the step of turning said TUR on in a front panel of said large format printer.

10 4. (Original) The method according to claim 1, further comprising the step of:

deactivating a nesting feature.

15 5. (Original) The method according to claim 4, wherein said step of deactivating said nesting feature comprises the step of turning off said nesting feature in a front panel of said large format printer.

6. (Original) The method according to claim 1, further comprising the step of:

20 activating an extended margins feature.

7. (Previously presented) The method according to claim 6, wherein said step of activating said extended margins feature comprises the step of turning on said extended margins feature in a front panel of said large format printer.

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8. (Original) The method according to claim 1, further comprising the step of:

deactivating a color calibration feature by turning off the color calibration feature in a front panel of said large format printer.

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9. (Original) The method according to claim 1, further comprising the step of:

deactivating a clean platen feature by turning off the clean platen feature in a front panel of said large format printer.

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10. (Previously presented) A method of printing on both sides of a print medium rolled on a core utilizing a large format printer equipped with a take up reel ("TUR"), said method comprising the steps of:

activating a TUR having a first core;

5 loading said rolled print medium into said large format printer;

sending a plot stream to said large format printer;

printing said plot stream onto a first surface of said rolled print medium;

advancing said rolled print medium through said large format printer until a front edge of said rolled print medium is adjacent to said TUR;

10 attaching said front edge of said rolled print medium to said first core of said TUR, such that a surface to be printed upon of said rolled print medium faces said first core of said TUR; and

rotating said first core of said TUR in a direction substantially opposite a direction of said print medium roll to substantially wind said rolled print medium on to said first core of said TUR.

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11. (Previously presented) The method according to claim 10, comprising the further steps of:

removing said first core of said TUR and said print medium wound on

20 said first core;

placing said first core of said TUR and said wound print medium onto a spindle of said large format printer, such that an unprinted side of said rolled print medium is positioned to be printed upon by said large format printer; and sending another plot stream to said large format printer.

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12. (Previously presented) The method according to claim 11, wherein said plot stream sending step comprises the step of electronically switching the order of said another plot stream.

10 13. (Original) The method according to claim 10, further comprising the steps of:

removing said first core of said TUR and said print medium wound on said first core;

15 placing said first core of said TUR and said wound print medium onto a spindle of said large format printer, such that an unprinted side of said rolled print medium is positioned to be printed upon by said large format printer;

placing a second core into said TUR; and

winding said wound print medium from said first core to said second core.

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14. (Original) The method according to claim 13, further comprising the steps of:

removing said second core of said TUR and said print medium wound on said first core;

5 placing said second core and said wound print medium onto said spindle of said large format printer, such that an unprinted side of said rolled print medium is positioned to be printed upon; and

sending a plot stream to said large format printer.

10 15. (Original) The method according to claim 14, further comprising the steps of:

placing a third TUR core into said TUR;

attaching said front edge of said print medium to said third TUR core;

and

15 winding said print medium onto said third TUR core.

16. (Original) The method according to claim 10, wherein said step of activating said TUR comprises the step of turning said TUR on in a front panel of said large format printer.

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17. (Original) The method according to claim 10, further comprising the step of:

deactivating a nesting feature prior to said rolled print medium loading step.

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18. (Original) The method according to claim 10, further comprising the step of:

activating an extended margins feature.

10 19. (Original) The method according to claim 10, further comprising the step of:

deactivating a clean platen feature prior to said rolled print medium loading step.

15 20. (Original) The method according to claim 10, further comprising the step of:

deactivating a color calibration feature.

21. (Previously presented) The method of claim 1, wherein rotating the
20 core of the TUR comprises removing roll-set curl from the rolled print medium by rotating the core in a direction substantially opposite a direction of the rolled print medium on the TUR.

22. (Previously presented) The method of claim 10, wherein rotating the first core of the TUR in a direction substantially opposite a direction of the print medium roll to substantially wind the rolled print medium on to the first core of the TUR comprises removing roll set curl from the print medium roll.

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23. (Currently amended) A method of removing roll-set curl in a print medium rolled on a core utilizing a large format printer equipped with a take up reel ("TUR"), the method comprising:

turning the TUR on in a front panel of the large format printer;

10 loading the rolled print medium into the large format printer;

performing one or more acts chosen from a group consisting of: turning off a nesting feature in a front panel of the large format printer, turning on an extended margins feature in a front panel of the large format printer, deactivating a color calibration feature by turning off the color calibration feature in a front panel of the large format printer and deactivating a clean platen feature by turning off the clean platen feature in a front panel of the large format printer;

15 advancing the rolled print medium through the large format printer until a front edge of the rolled print medium is adjacent to the TUR;

20 attaching the front edge of the rolled print medium to the core of the TUR, such that a surface to be printed upon of the rolled print medium faces the core of the TUR; and

substantially removing roll-set curl from the rolled print medium by rotating the core of the TUR in a direction substantially opposite a direction of the rolled print medium on the core to substantially wind the rolled print medium on to the core of the TUR.

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24. (Previously presented) The method of claim 23, further comprising cutting the filled print medium in response to a predetermined length of the rolled print medium being wound onto the core of the TUR.

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25. (Previously presented) A method of removing roll-set curl from a print medium rolled on a core utilizing a large format printer equipped with a take up reel ("TUR"), the method comprising the steps of:

activating a TUR having a first core;

loading the rolled print medium into the large format printer;

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advancing the rolled print medium through the large format printer until a front edge of the rolled print medium is adjacent to the TUR;

attaching the front edge of the rolled print medium to the first core of the TUR; and

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substantially removing roll-set curl from the rolled print medium by rotating the first core of the TUR in a direction substantially opposite a direction of the print medium roll to substantially wind the rolled print medium on to the first core of the TUR without printing on the rolled print medium.

26. (Currently amended) ~~The method according to claim 25, further comprising:~~

A method of removing roll-set curl from a print medium rolled on a core utilizing a large format printer equipped with a take up reel ("TUR"), the
5 method comprising:

activating a TUR having a first core;

loading the rolled print medium into the large format printer;

advancing the rolled print medium through the large format printer until a front edge of the rolled print medium is adjacent to the TUR;

10 attaching the front edge of the rolled print medium to the first core of the TUR;

substantially removing roll-set curl from the rolled print medium by rotating the first core of the TUR in a direction substantially opposite a direction of the print medium roll to substantially wind the rolled print medium

15 on to the first core of the TUR without printing on the rolled print medium;

removing the first core of the TUR and the print medium wound on the first core;

placing the first core of the TUR and the wound print medium onto a spindle of the large format printer, such that a first side of the rolled print
20 medium is positioned to be printed upon by the large format printer;

sending a first plot stream to the large format printer;

placing a second core into the TUR;

winding the wound print medium from the first core to the second core;
and

printing an image corresponding to the first plot stream on the first side
of the rolled print medium while winding the wound print medium from the
5 first core to the second core.

27. (Currently amended) ~~The method according to claim 26, further~~
~~comprising the steps of:~~

A method of removing roll-set curl from a print medium rolled on a core
10 utilizing a large format printer equipped with a take up reel ("TUR"), the
method comprising:

activating a TUR having a first core;

loading the rolled print medium into the large format printer;

advancing the rolled print medium through the large format printer until
15 a front edge of the rolled print medium is adjacent to the TUR;

attaching the front edge of the rolled print medium to the first core of the
TUR;

substantially removing roll-set curl from the rolled print medium by
rotating the first core of the TUR in a direction substantially opposite a
20 direction of the print medium roll to substantially wind the rolled print medium
on to the first core of the TUR without printing on the rolled print medium;

removing the first core of the TUR and the print medium wound on the
first core;

placing the first core of the TUR and the wound print medium onto a spindle of the large format printer, such that a first side of the rolled print medium is positioned to be printed upon by the large format printer;

sending a first plot stream to the large format printer;

5 placing a second core into the TUR;

winding the wound print medium from the first core to the second core;

printing an image corresponding to the first plot stream on the first side of the rolled print medium while winding the wound print medium from the first core to the second core;

10 placing a third TUR core into the TUR;

attaching the front edge of the print medium to the third TUR core;

sending a second plot stream to the large format printer;

winding the print medium onto the third TUR core; and

15 printing an image corresponding to the second plot stream on a second side of the rolled print medium while winding the wound print medium from the second core to the third core.

28. (Previously presented) The method of claim 25, further comprising performing one or more acts chosen from a group consisting of: turning off a
20 nesting feature in a front panel of the large format printer, turning on an extended margins feature in a front panel of the large format printer, deactivating a color calibration feature by turning off the color calibration feature in a front panel of the large format printer and deactivating a clean

platen feature by turning off the clean platen feature in a front panel of the large format printer.

New claims:

29. (New) The method of claim 26, further comprising performing one or more acts chosen from a group consisting of: turning off a nesting feature in a front panel of the large format printer, turning on an extended margins feature
5 in a front panel of the large format printer, deactivating a color calibration feature by turning off the color calibration feature in a front panel of the large format printer and deactivating a clean platen feature by turning off the clean platen feature in a front panel of the large format printer.

10 30. (New) The method of claim 27, further comprising performing one or more acts chosen from a group consisting of: turning off a nesting feature in a front panel of the large format printer, turning on an extended margins feature in a front panel of the large format printer, deactivating a color calibration feature by turning off the color calibration feature in a front panel of the large
15 format printer and deactivating a clean platen feature by turning off the clean platen feature in a front panel of the large format printer.

31. (New) A method comprising: removing roll-set curl in a print medium rolled on a core utilizing a take up reel ("TUR") in a large format
20 printer by rotating a core of the TUR in a direction substantially opposite a coil direction of rolled print medium on the core to substantially wind the rolled print medium on to the core of the TUR.

32. (New) The method of claim 31, further comprising cutting the filled print medium in response to a predetermined length of the rolled print medium being wound onto the core of the TUR.

5 33. (New) The method of claim 31, wherein activating the TUR comprises turning the TUR on in a front panel of the large format printer.

34. (New) The method of claim 31, further comprising deactivating a nesting feature.

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35. (New) The method of claim 34, wherein deactivating the nesting feature comprises turning off the nesting feature in a front panel of the large format printer.

15 36. (New) The method of claim 31, further comprising activating an extended margins feature.

37. (New) The method of claim 31, further comprising activating an extended margins feature by turning on the extended margins feature in a front
20 panel of the large format printer.

38. (New) The method of claim 31, further comprising deactivating a color calibration feature by turning off the color calibration feature in a front panel of the large format printer.

5 39. (New) The method of claim 31, further comprising deactivating a clean platen feature by turning off the clean platen feature in a front panel of the large format printer.

40. (New) The method of claim 31, further comprising activating a
10 TUR having a core, loading the rolled print medium into the large format printer, advancing the rolled print medium through the large format printer until a front edge of the rolled print medium is adjacent to the TUR, attaching the front edge of the rolled print medium to the core of the TUR, such that a surface to be printed upon of the rolled print medium faces the core of the
15 TUR.

41. (New) A large format printer configured to print on a rolled print medium and configured to remove roll set curl, the printer comprising:

a display coupled to the large format printer and configured to display a
20 plurality of printer options and to allow a user to alter one or more of the plurality of printer options;

an input coupled to the large format printer and configured to accept one or more plot streams from a host device;

a take-up reel (TUR) having a spindle and configured to accept a TUR core, the TUR being coupled to the display and being responsive to set-up options displayed on a set-up menu on the display, wherein the large format printer is configured to:

5 activate the TUR, the TUR being coupled to a core having the rolled print medium disposed thereon;

 advance the rolled print medium through the large format printer until a front edge of the rolled print medium is adjacent to the TUR, the front edge of the rolled print medium being configured to be attached to
10 the first core of the TUR;

 substantially remove roll-set curl from the rolled print medium by rotating the first core of the TUR in a direction substantially opposite a direction of the print medium roll to substantially wind the rolled print medium on to the core coupled to the TUR without printing on the rolled
15 print medium;

 accept the core from the TUR together with the wound print medium onto a spindle of the large format printer following removal of the core and attendant wound print medium from the TUR, such that a first side of the rolled print medium is positioned to be printed upon by
20 the large format printer;

 accept a plot stream from the host device;

 accept a second core into the TUR;

wind the wound print medium from the core to the second core;
and

print an image corresponding to the plot stream on the first side of
the rolled print medium while winding the wound print medium from the
5 core to the second core.

42. (New) The printer of claim 41, wherein the display is configured to
facilitate performing one or more acts chosen from a group consisting of: turn
OFF a nesting feature, turn ON an extended margins feature, deactivate a color
10 calibration feature and deactivate a clean platen feature.

43. (New) A large format printer configured to print on a rolled print
medium and configured to remove roll set curl, the printer comprising:

a display coupled to the large format printer and configured to display a
15 plurality of printer options and to allow a user to alter one or more of the
plurality of printer options;

an input coupled to the large format printer and configured to accept one
or more plot streams from a host device;

a take-up reel (TUR) having a spindle and configured to accept a TUR
20 core, the TUR being coupled to the display and being responsive to set-up
options displayed on a set-up menu on the display, wherein the large format
printer is configured to:

activate the TUR, the TUR being coupled to a first core;

advance the rolled print medium through the large format printer until a front edge of the rolled print medium is adjacent to the TUR, the front edge of the rolled print medium being configured to be attached to the first core of the TUR;

5 substantially remove roll-set curl from the rolled print medium by rotating the first core of the TUR in a direction substantially opposite a direction of the print medium roll to substantially wind the rolled print medium on to the first core of the TUR without printing on the rolled print medium;

10 accept the first core of the TUR and the wound print medium onto a spindle of the large format printer following removal of the first core of the TUR and the attendant print medium wound on the first core, such that a first side of the rolled print medium is positioned to be printed upon by the large format printer;

15 accept a first plot stream from the host device;
 accept a second core into the TUR;
 wind the wound print medium from the first core to the second core;

 print an image corresponding to the first plot stream on the first
20 side of the rolled print medium while winding the wound print medium from the first core to the second core;

 placing a third TUR core into the TUR;

 attach the front edge of the print medium to the third TUR core;

accept a second plot stream from the host device;
wind the print medium onto the third TUR core; and
print an image corresponding to the second plot stream on a
second side of the rolled print medium while winding the wound print
5 medium from the second core to the third core.

44. (New) The printer of claim 43, wherein the display is configured to
facilitate performing one or more acts chosen from a group consisting of: turn
OFF a nesting feature, turn ON an extended margins feature, deactivate a color
10 calibration feature and deactivate a clean platen feature.